

FIGURE 1

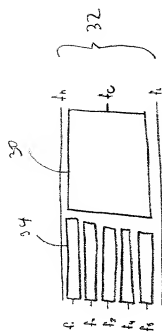


FIGURE 2

GENERATE
PSEUDO-RANDOM
SEQUENCE 40

USE PSEUDO RANDOM
SEQUENCE TO
GENERATE LOW
BANDWIDTH CENTER
FREQUENCY 42

LOW BANDWIDTH
TRANSITION
?
YES
NO

44
MODIFY LOW
BANDWIDTH CENTER
FREQUENCY TO GET
HIGH BANDWIDTH
CENTER FREQUENCY

USE HIGH BANDWIDTH
CENTER FREQUENCY

USE LOW
BANDWIDTH
CENTER FREQUENCY

FIGURE 3

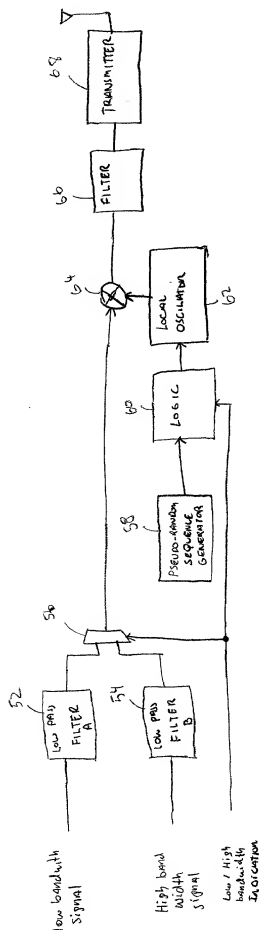


FIGURE 4

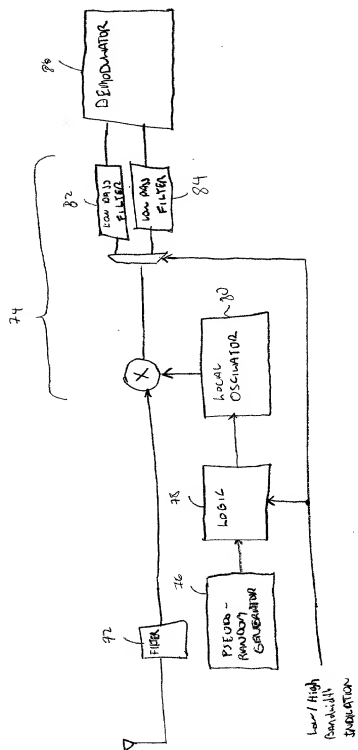


FIGURE 5